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Reviewer Comments:
1.
W213 Artificial or Unknown found in <213> in SEQ ID (2)
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For SEQ ID # 2 through 16, 25 through 28 , and 32, « peptide sequence » is an insufficient response for numeric identifier <223>. Please explain the source of the genetic material. If the sequence is put together from several organisms, please list those organisms. If the sequence is made in the laboratory, please indicate that the sequence is synthesized. This error may appear in other sequences in the sequence listing Please make all necessary changes.

2.
<210> 17
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.
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<222> (33)..(33)
<223> X = any amino acid with at least one cysteine residue having the formula (Xaa)n, where Xaa is any amino acid and n is an integer from 1 to 20

A “Xaa” amino acid designator can only represent a single amino acid. “Xaa” may not represent a string of 1 to 20 amino acids as stated in SEQ ID # 17 for amino acid positions 1 and 33. This error occurs in SEQ ID # 18, 19, and 21 as well. Please make all necessary changes.

3.

W213 Artificial or Unknown found in <213> in SEQ ID (1)
E257 Invalid sequence data feature in <221> in SEQ ID (1)
E257 Invalid sequence data feature in <221> in SEQ ID (1)
E257 Invalid sequence data feature in <221> in SEQ ID (1)
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E257 Invalid sequence data feature in <221> in SEQ ID (19)
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This error has occured more than 20 times, will not be displayed
W213 Artificial or Unknown found in <213> in SEQ ID (20) This error has occured more than 20 times, will not be displayed

The warnings and errors shown above are ok and require no response.
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Validated By CRFValidator v 1.0.3

Application No: 10551619 Version No: 2.0

Input Set:

Output Set:

Started: 2009-03-06 20:29:00.976
Finished: 2009-03-06 20:29:05.169
Elapsed: 0 hr(s) 0 min(s) 4 sec(s) 193 ms
Total Warnings: 33
Total Errors: 58
No. of SeqIDs Defined: 33
Actual SeqID Count: 33

Error code		Error Description
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E	257	Invalid sequence data feature in <221> in SEQ ID (1)
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W	213	Artificial or Unknown found in <213> in SEQ ID (3)
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W	213	Artificial or Unknown found in <213> in SEQ ID (5)
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W	213	Artificial or Unknown found in <213> in SEQ ID (14)
W	213	Artificial or Unknown found in <213> in SEQ ID (15)

Input Set:

Output Set:

Started: 2009-03-06 20:29:00.976
Finished: 2009-03-06 20:29:05.169
Elapsed: 0 hr(s) 0 min(s) 4 sec(s) 193 ms
Total Warnings: 33
Total Errors: 58
No. of SeqIDs Defined: 33
Actual SeqID Count: 33

Error code		Error Description
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W	213	Artificial or Unknown found in <213> in SEQ ID (18)
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E	257	Invalid sequence data feature in <221> in SEQ ID (19) This error has occured more than 20 times, will not be displayed
W	213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occured more than 20 times, will not be displayed

SEQUENCE LISTING

<110> The Regents of the University of California
Martin, Paul Taylor

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<141> 2006-12-22

<150> US 60/461,168
<151> 2003-04-07

<150> PCT/US04/10939
<151> 2004-04-07

<160> 33

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Pro Thr Ser Trp
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Leu Ile Arg Arg
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       from 1 to 20

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
            20   25   30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
20 25 30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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Gly Leu Met Val Gly Gly Val Val
35 40

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cgccaccgac ccccccttccc ccaatcgcat tctgcaggta ccccg 105

<210> 32
<211> 5
<212> PRT
<213> Artificial sequence

<220>
<223> peptide sequence

<400> 32

Cys Gly Pro Pro Tyr
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<210> 33
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<220>
<223> Consensus peptide sequence

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<222> (1)..(1)
<223> X = W or F

<220>
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<222> (2)..(6)
<223> X = any positively charged amino acid

<220>
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<222> (7)..(7)
<223> X = W or F

<220>
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<223> X = W or F

<400> 33

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1 5 10